

FBI CELLULAR ANALYSIS SURVEY TEAM



SA Mark W. Sedwick
FBI Dallas Division



Telephone Numbers:
AT&T **972-658-6113**

Report Date: 08/03/2022

Historical Cell Site Analysis



1. Background

The Federal Bureau of Investigation (FBI) Cellular Analysis Survey Team (CAST) was requested by the Eastern District of Texas US Attorney's Office to analyze cell phone records for 972-658-6113 ("target cell phone"), believed to be associated with a homicide on February 19, 2020.

2. Methodology

An analysis was performed on the call detail records obtained for the target cell phone. The call detail records documented the network interaction to and from the target cell phone. Additionally, the records documented the cell tower and cell sector ("cell site") which served the cell phone during this activity. Used in conjunction, the call detail records and a list of cell site locations illustrate an approximate location of the target cell phone when it initiated contact with the network.

2.1 Cell Site Locations

Cell sites in existence during the time of the incident were input into mapping software using latitude/longitude coordinates of the cell sites provided by the service providers. The cell sites associated with the target cell phone, were located utilizing the mapping software and the plotted cell site data.

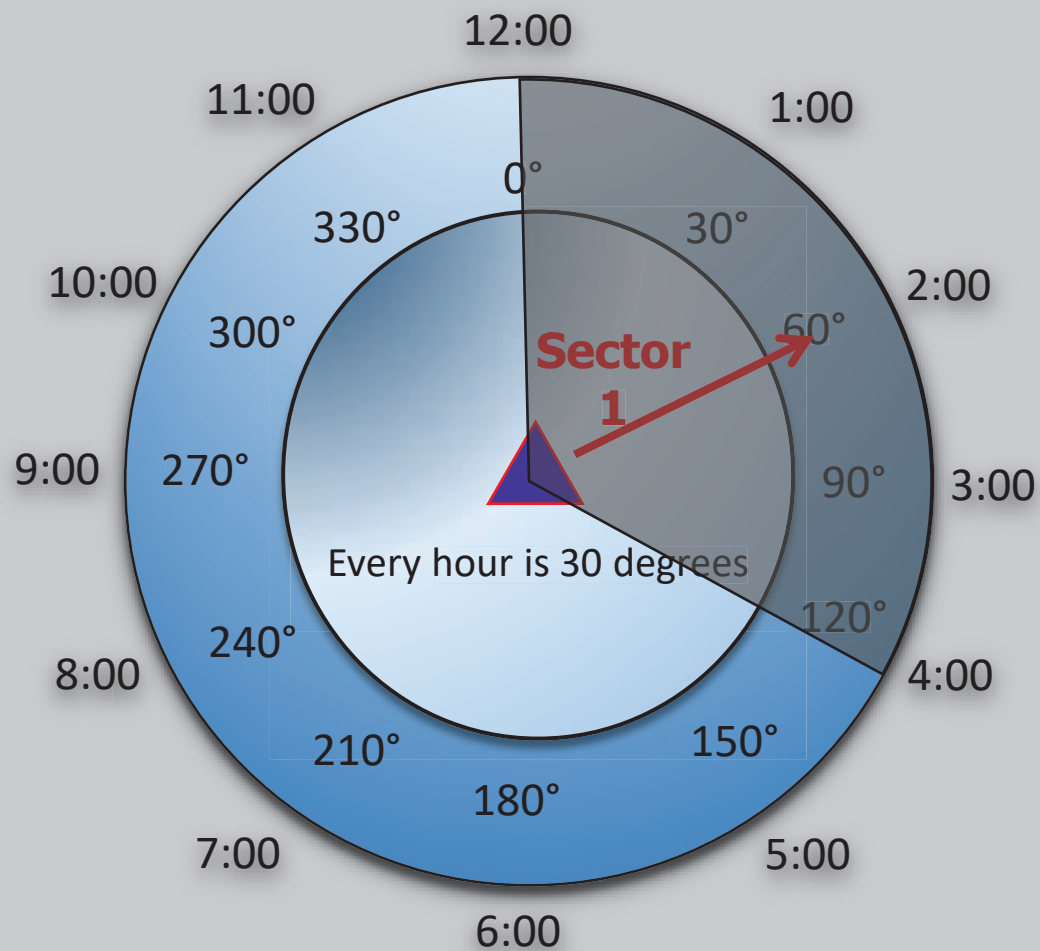
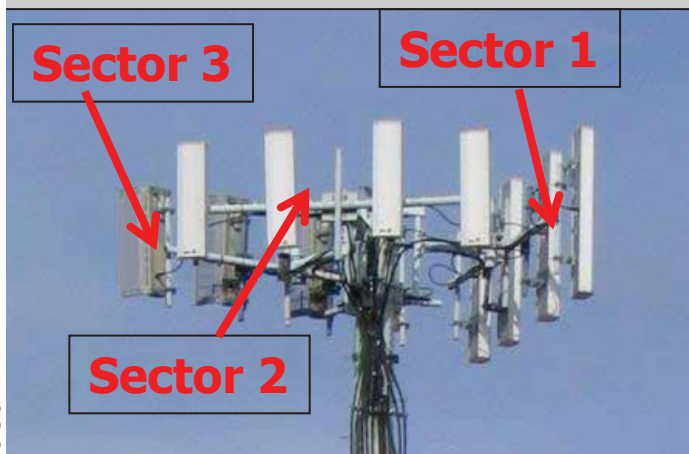
3. Conclusions

A historical cell site analysis was performed on the call detail records for the target cell phone. The methods detailed in Sections 2 and 2.1 were used to produce the attached historical cell site analysis.

Sector Orientations



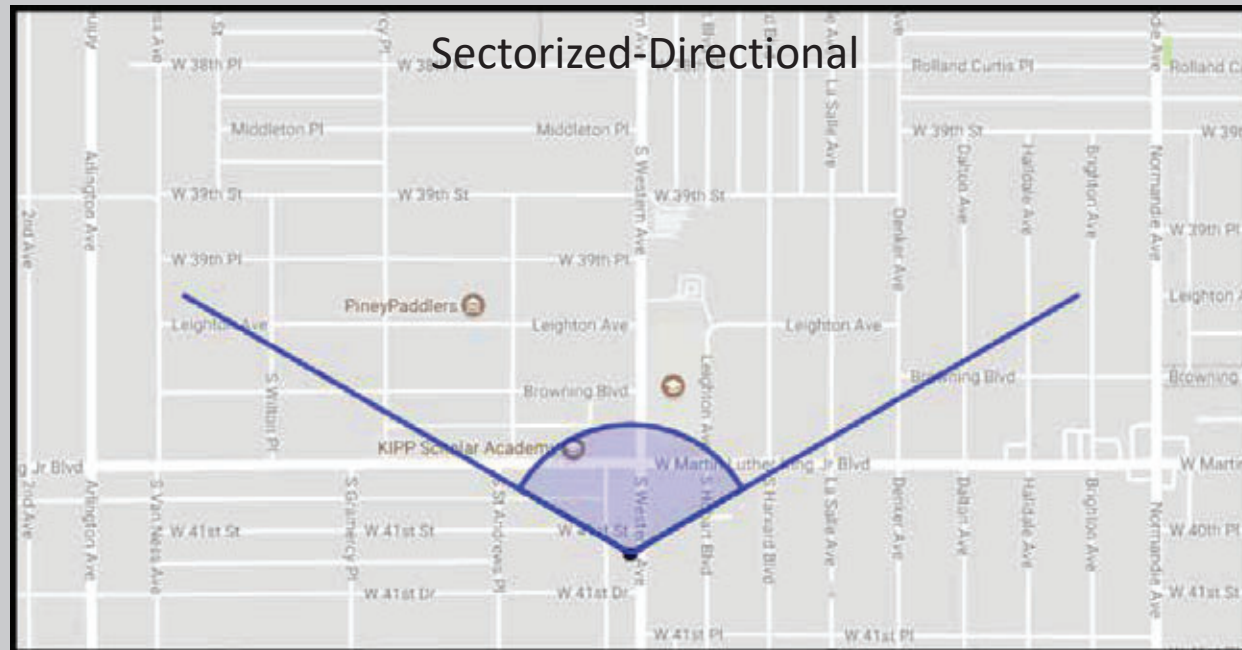
EXAMPLE ONLY
EACH CELL SITE ORIENTATION CAN VARY



Cell Tower and Sector Usage Illustration



Cell towers and sectors showing usage are illustrated on the following maps using this symbol:



The shaded areas inside sector arms are not illustrative of a minimum or maximum coverage area of the cell tower and sector, but rather demonstrate the direction the sector's antennas on the cell towers are oriented. These symbols will illustrate the cell sites and sectors utilized during the time period of analysis and the general area where the cellular telephone was located.

Target Phone & Map Legend



972-658-6113
Provider: AT&T
Associated with:
Keith Ashley



Crime Scene
2114 Cannes Drive
Carrollton, Texas



Keith Ashley Residence
1211 Boerne Court
Allen, Texas



Nine Band Brewing
13 Prestige Circle
Allen, Texas



AT&T Tower

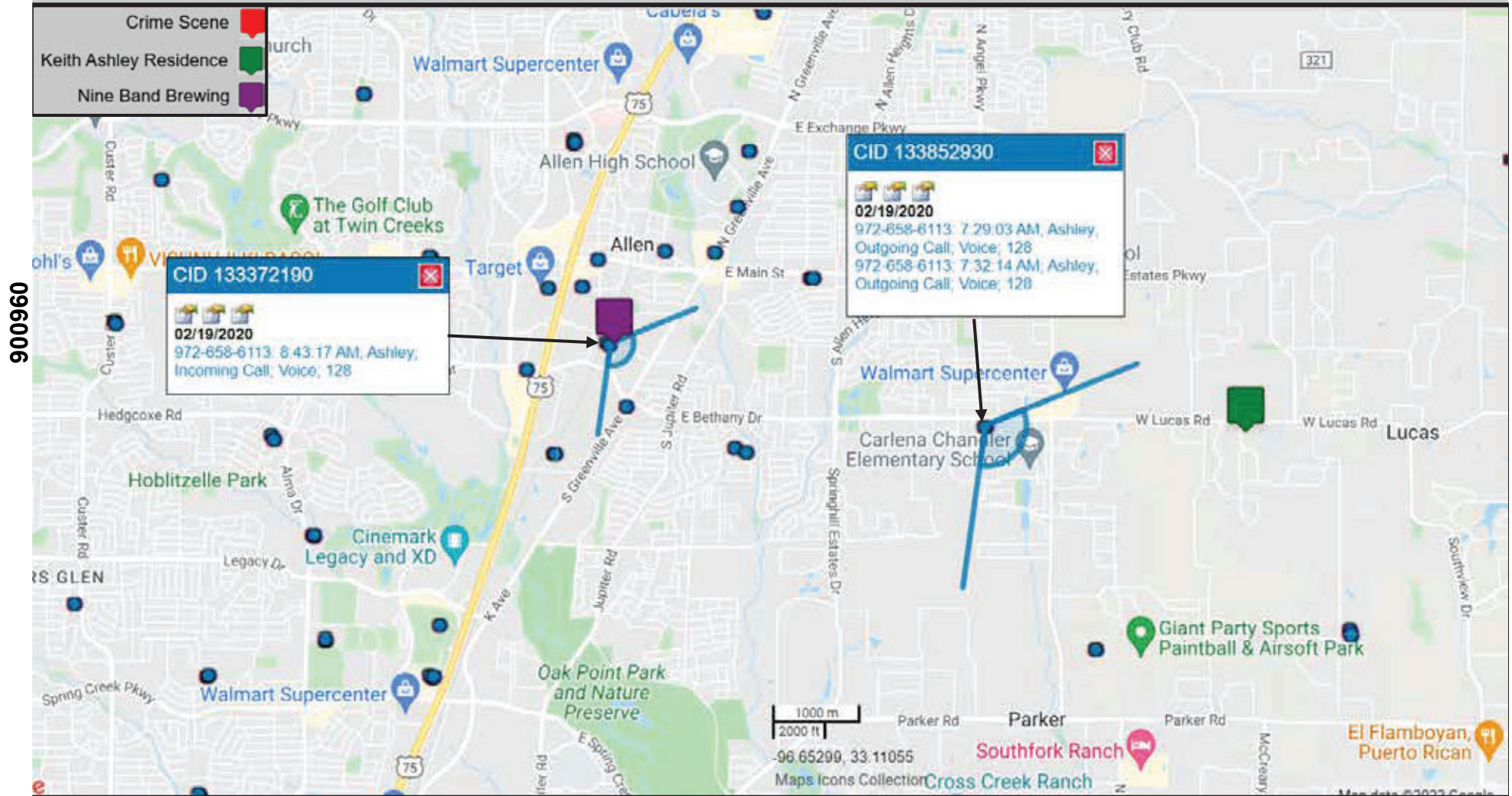


Historical Cell Site Analysis

Cell Site Activations for **972-658-6113**



February 19, 2020 7:29 AM to 8:43 AM

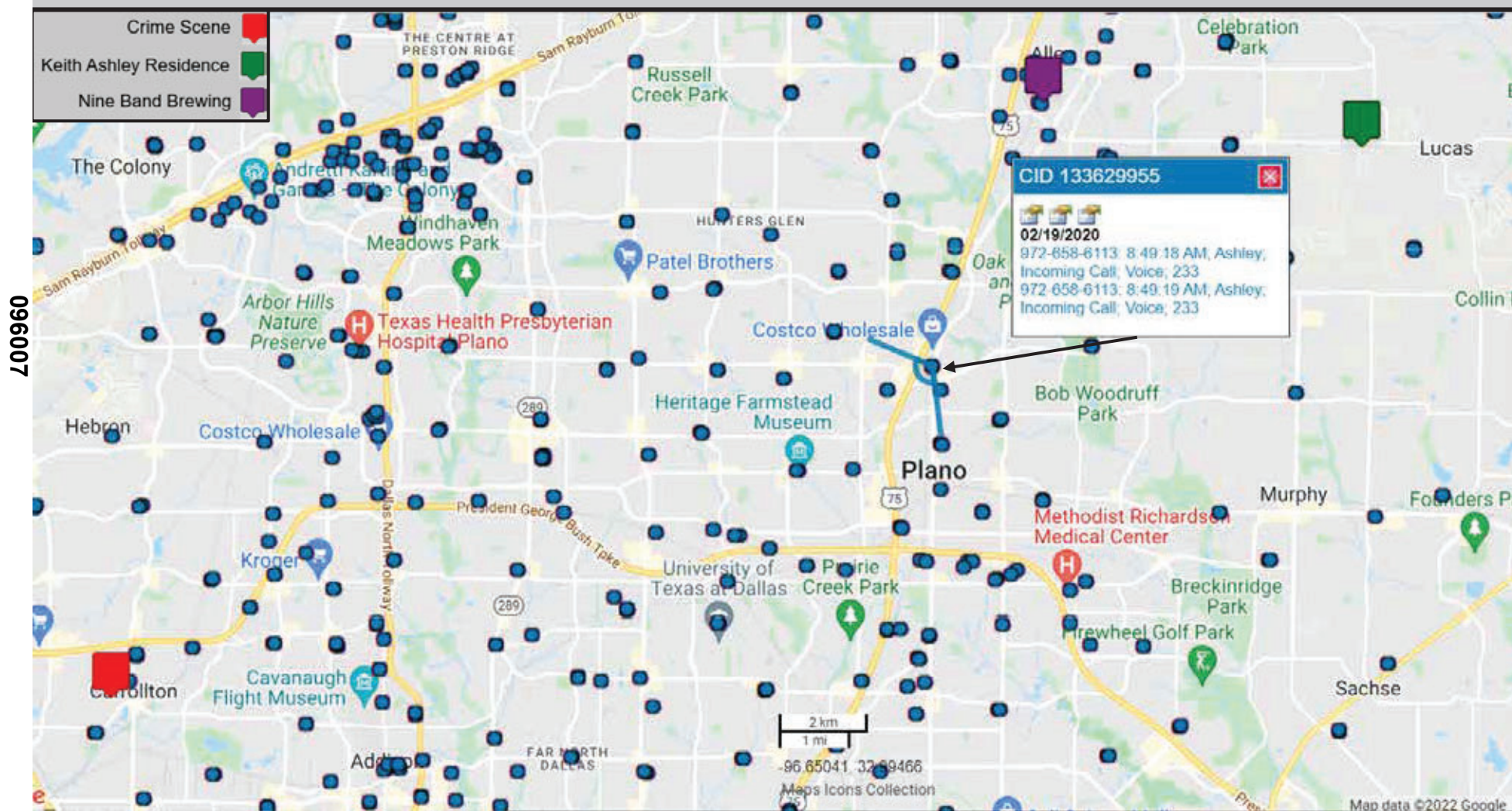


Historical Cell Site Analysis

Cell Site Activations for **972-658-6113**



February 19, 2020 8:49 AM to 8:57 AM

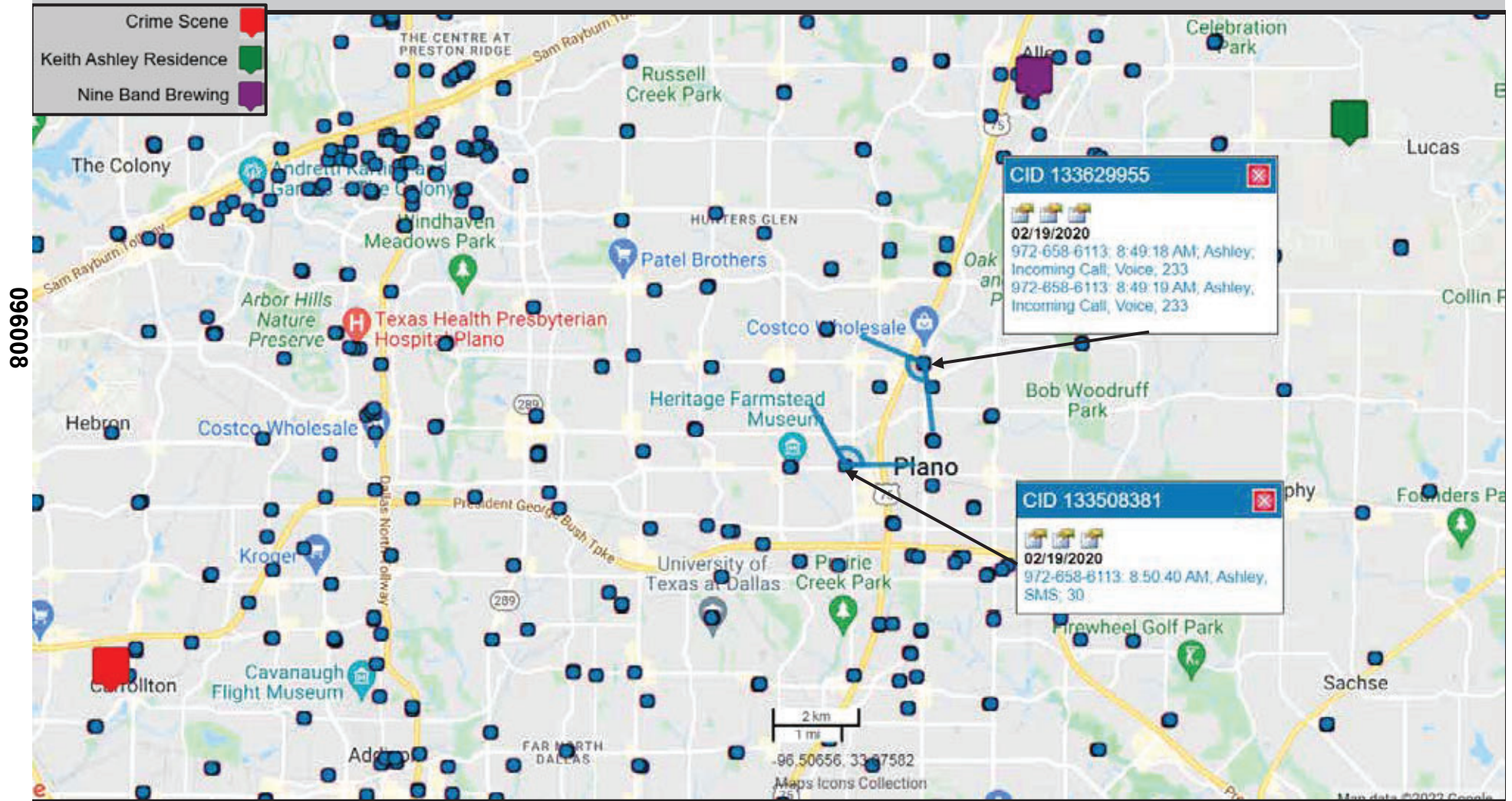


Historical Cell Site Analysis

Cell Site Activations for **972-658-6113**



February 19, 2020 8:49 AM to 8:57 AM

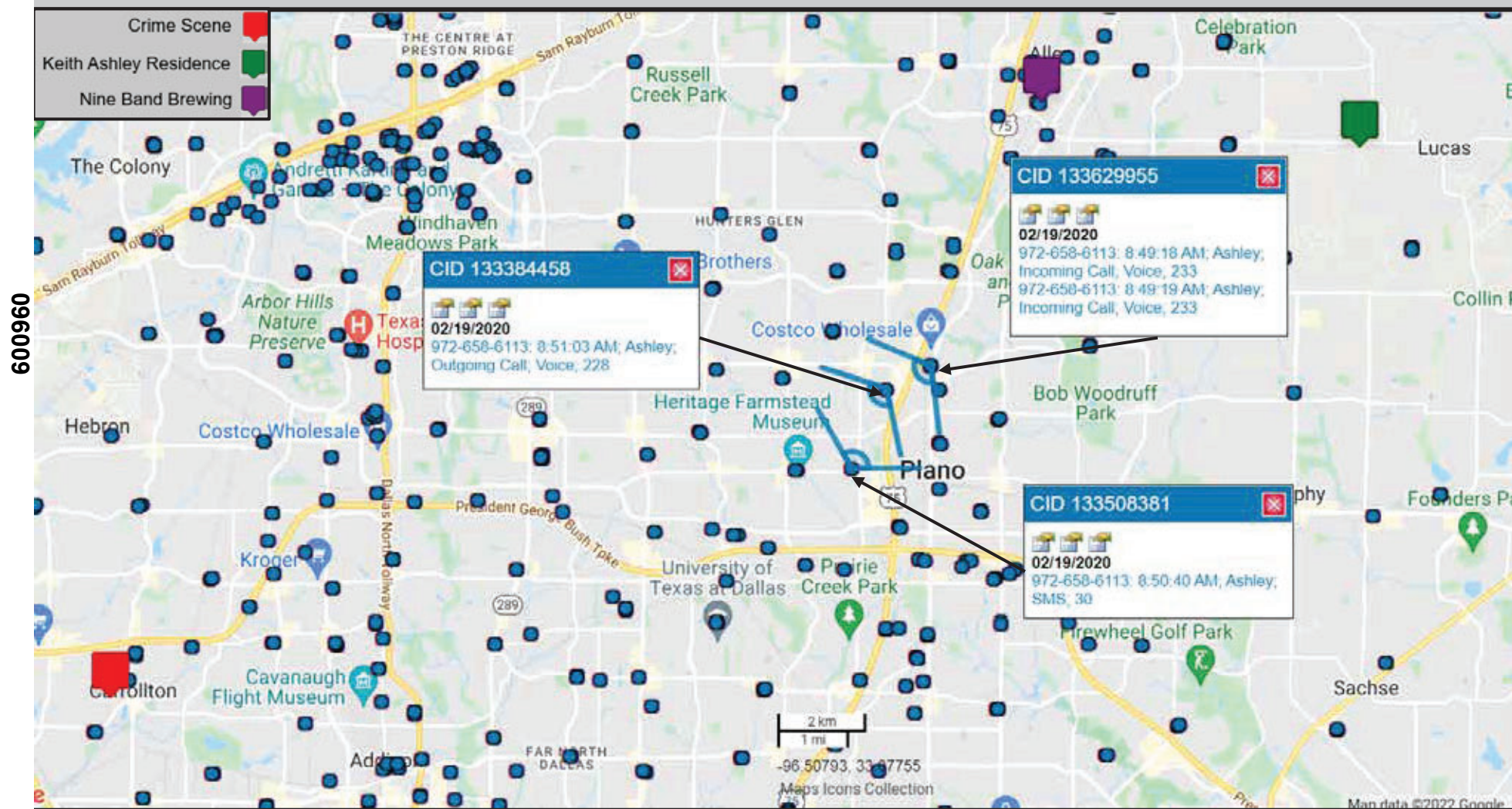


Historical Cell Site Analysis

Cell Site Activations for **972-658-6113**



February 19, 2020 8:49 AM to 8:57 AM



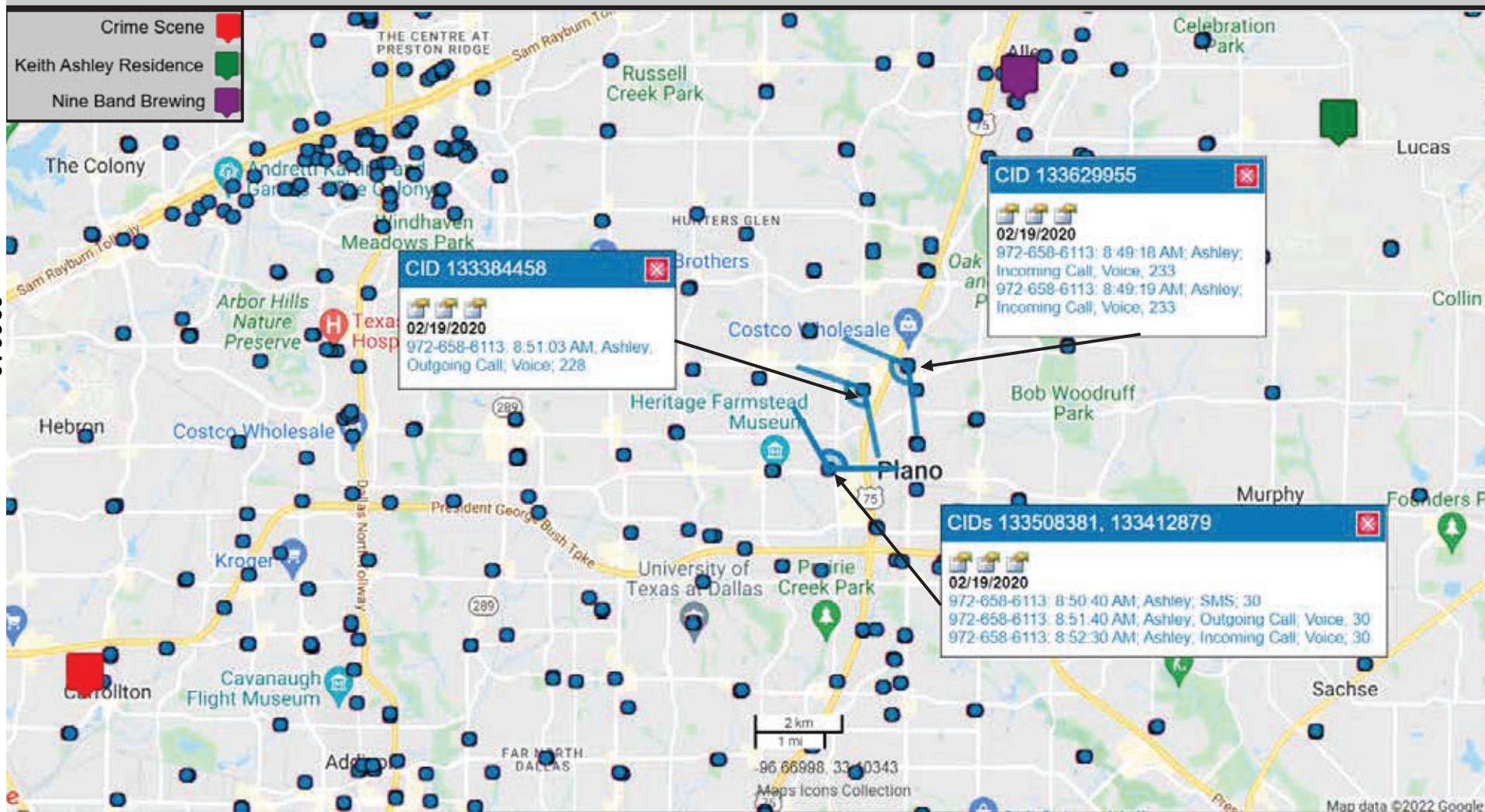
Historical Cell Site Analysis

Cell Site Activations for **972-658-6113**



February 19, 2020 8:49 AM to 8:57 AM

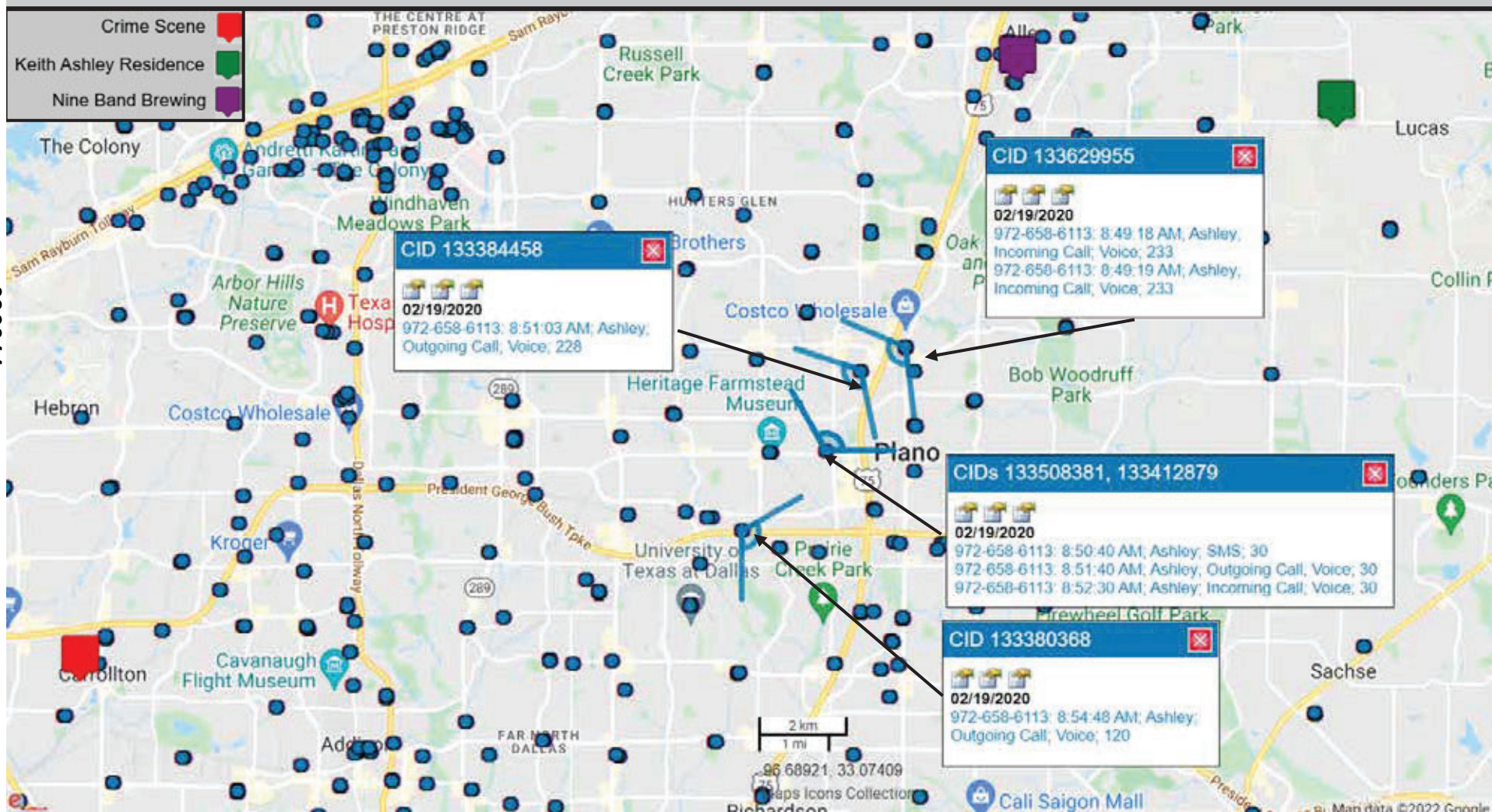
096010



Historical Cell Site Analysis

Cell Site Activations for **972-658-6113**

February 19, 2020 8:49 AM to 8:57 AM



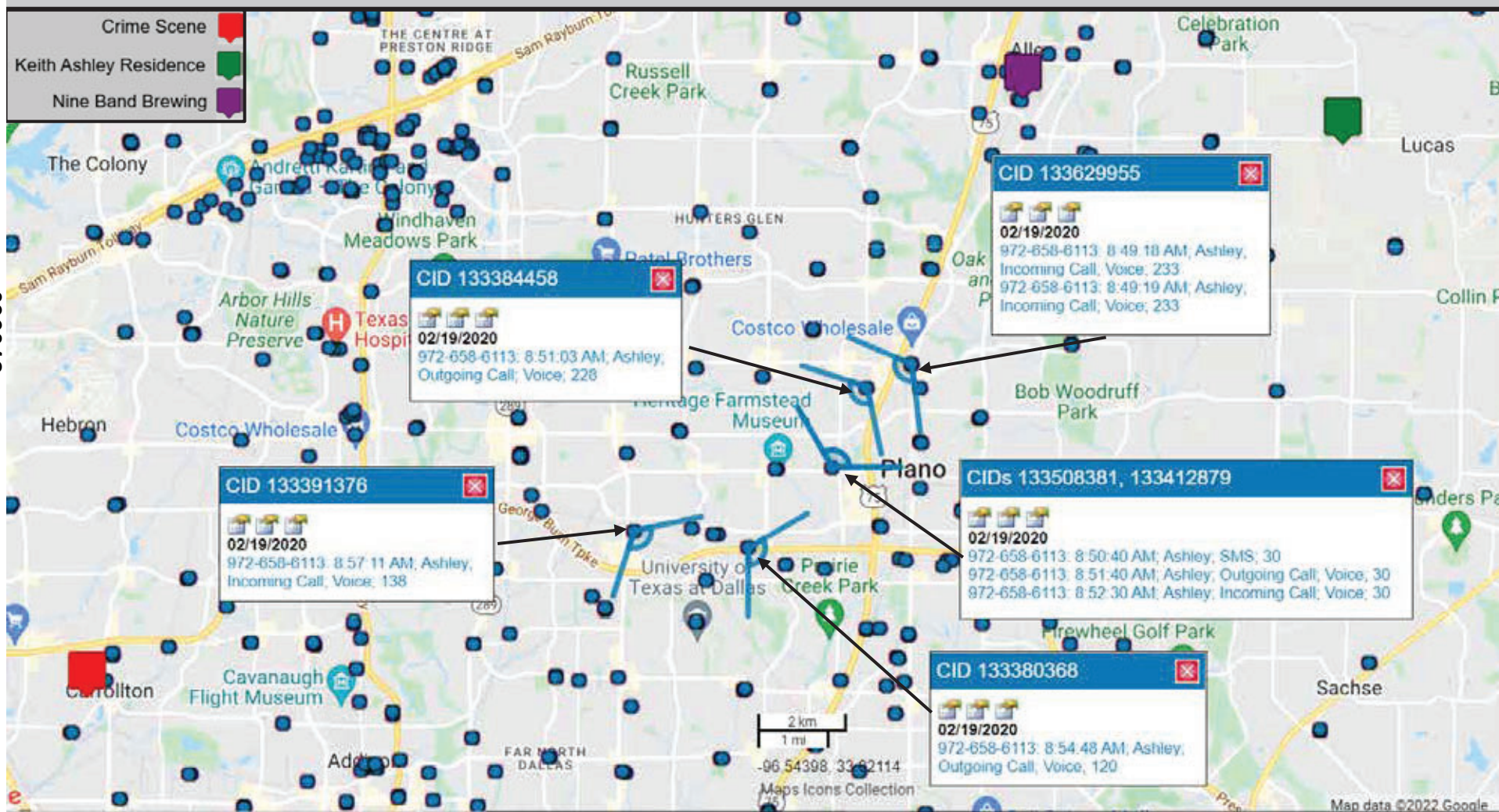
Historical Cell Site Analysis

Cell Site Activations for **972-658-6113**



February 19, 2020 8:49 AM to 8:57 AM

096012



Historical Cell Site Analysis

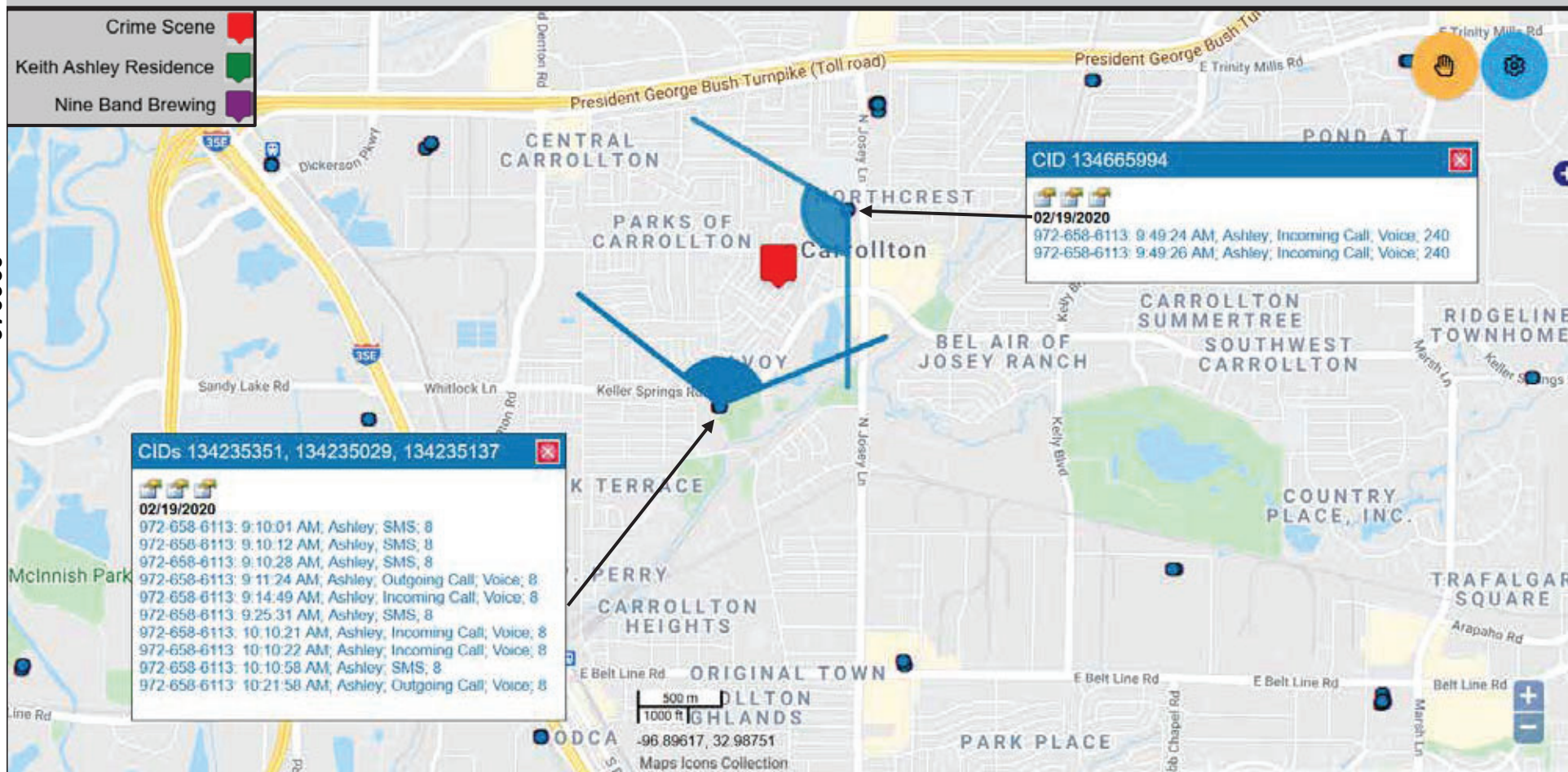
Cell Site Activations for **972-658-6113**

9:11 AM **972-658-6113** calls **214-535-5719** (45 sec)



February 19, 2020 9:10 AM to 10:21 AM

096013



Historical Cell Site Analysis

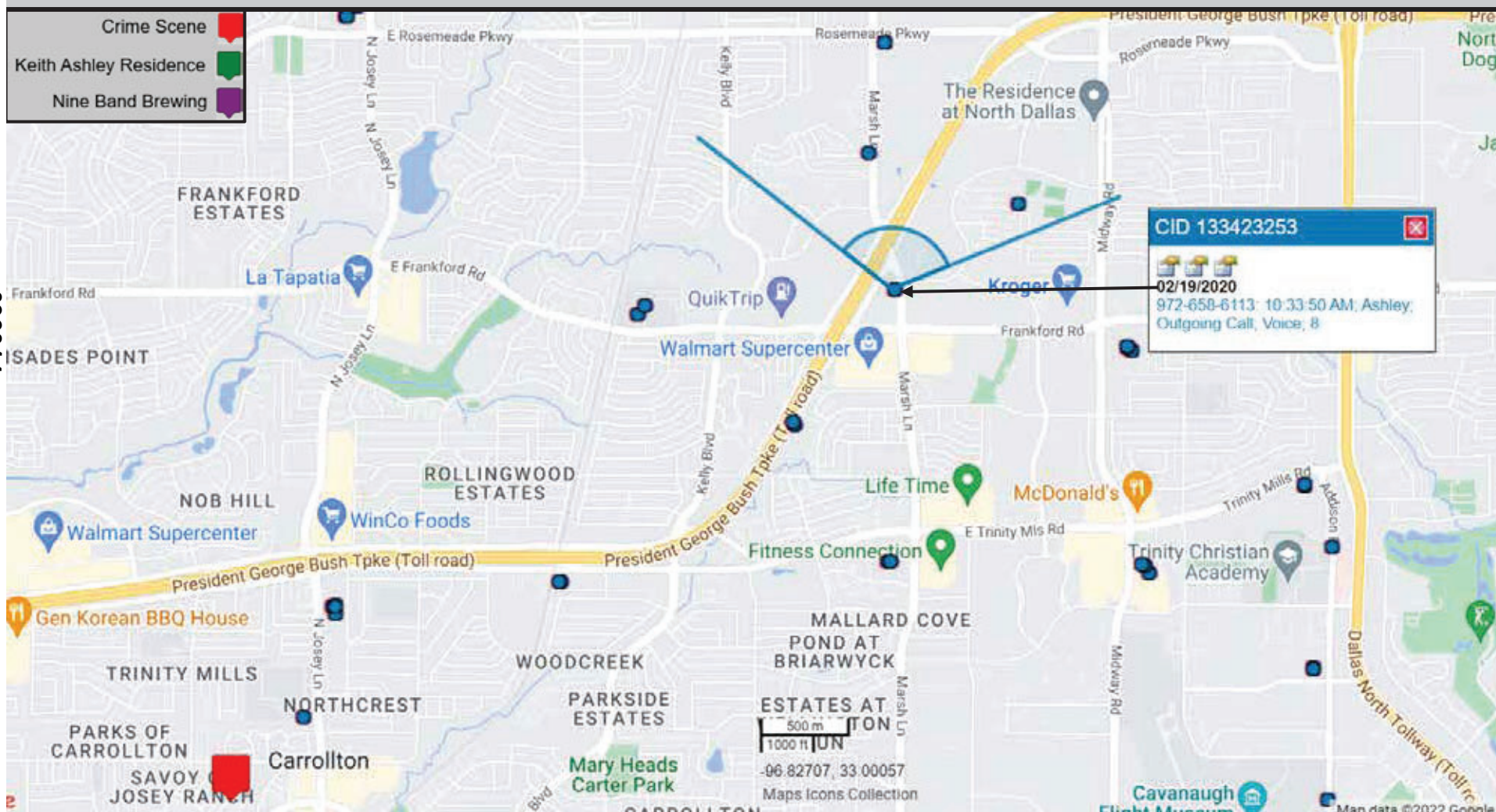
Cell Site Activations for **972-658-6113**

10:33 AM **972-658-6113** calls **214-535-5719** (4 sec VM)

10:34 AM **972-658-6113** calls **214-535-5719** (0 sec)



February 19, 2020 10:33 AM to 10:34 AM



Historical Cell Site Analysis

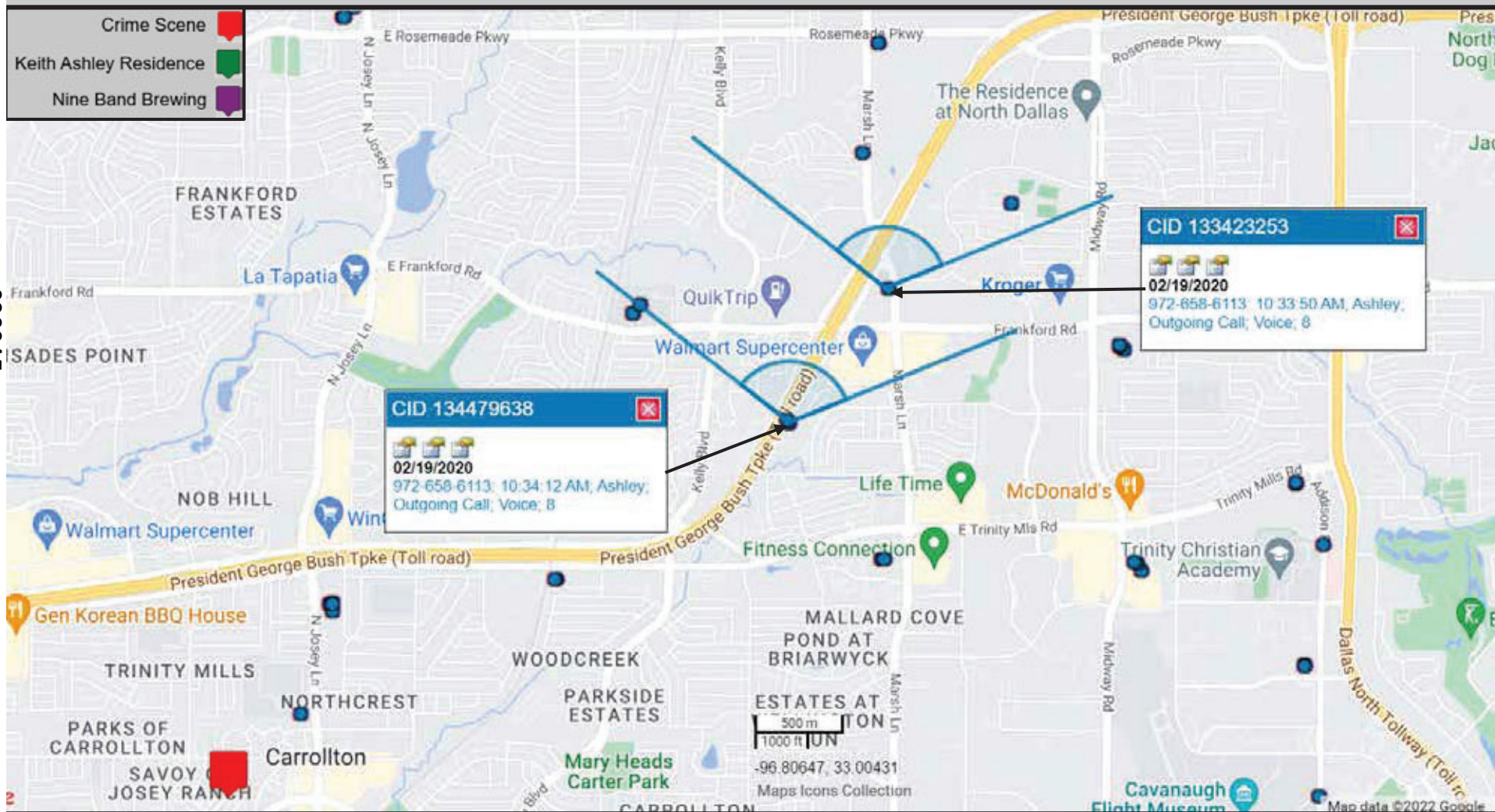
Cell Site Activations for **972-658-6113**

10:33 AM **972-658-6113** calls **214-535-5719** (4 sec VM)
10:34 AM **972-658-6113** calls **214-535-5719** (0 sec)



February 19, 2020 10:33 AM to 10:34 AM

096015

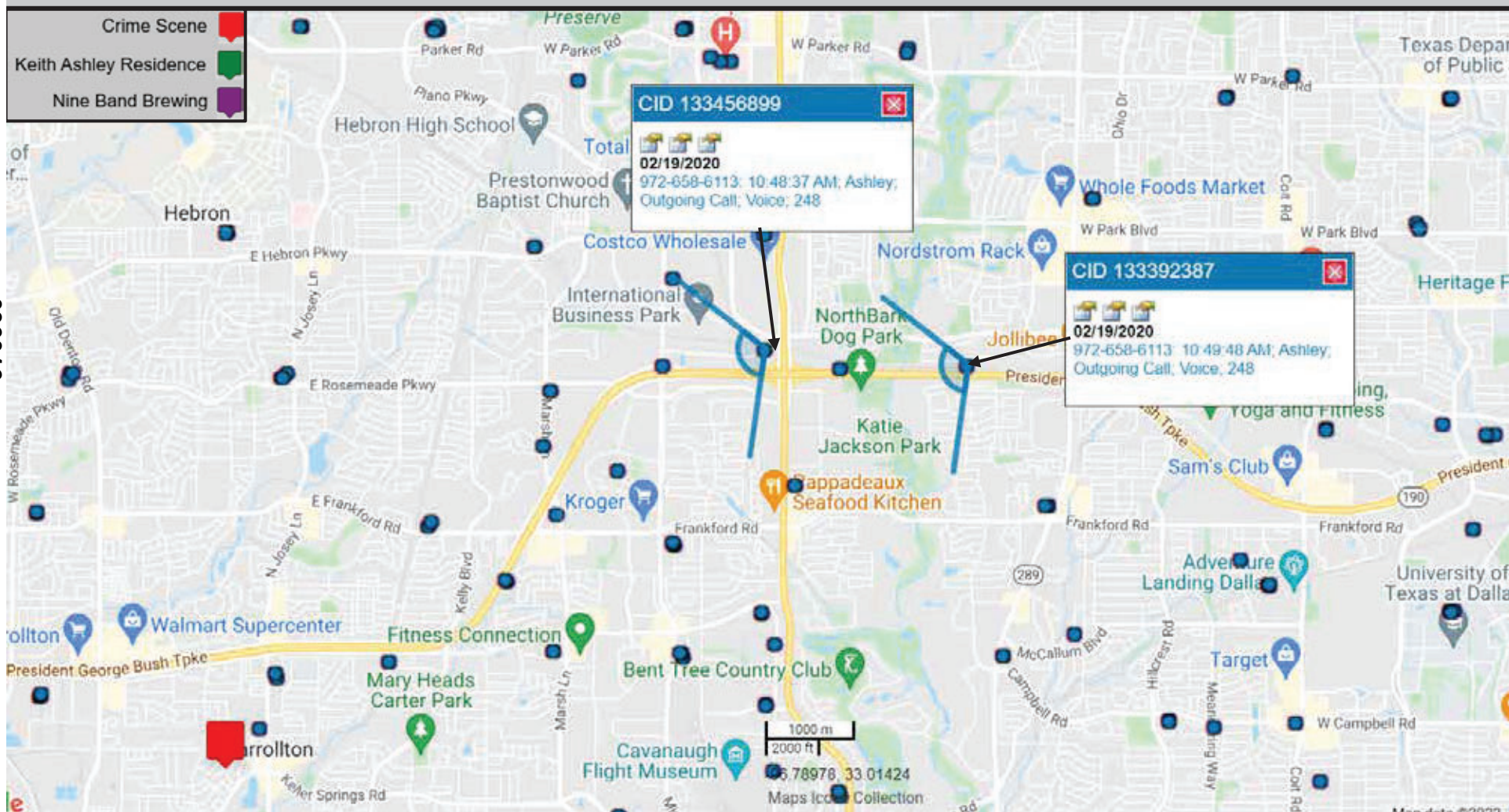


Historical Cell Site Analysis

Cell Site Activations for **972-658-6113**



February 19, 2020 10:48 AM to 10:49 AM



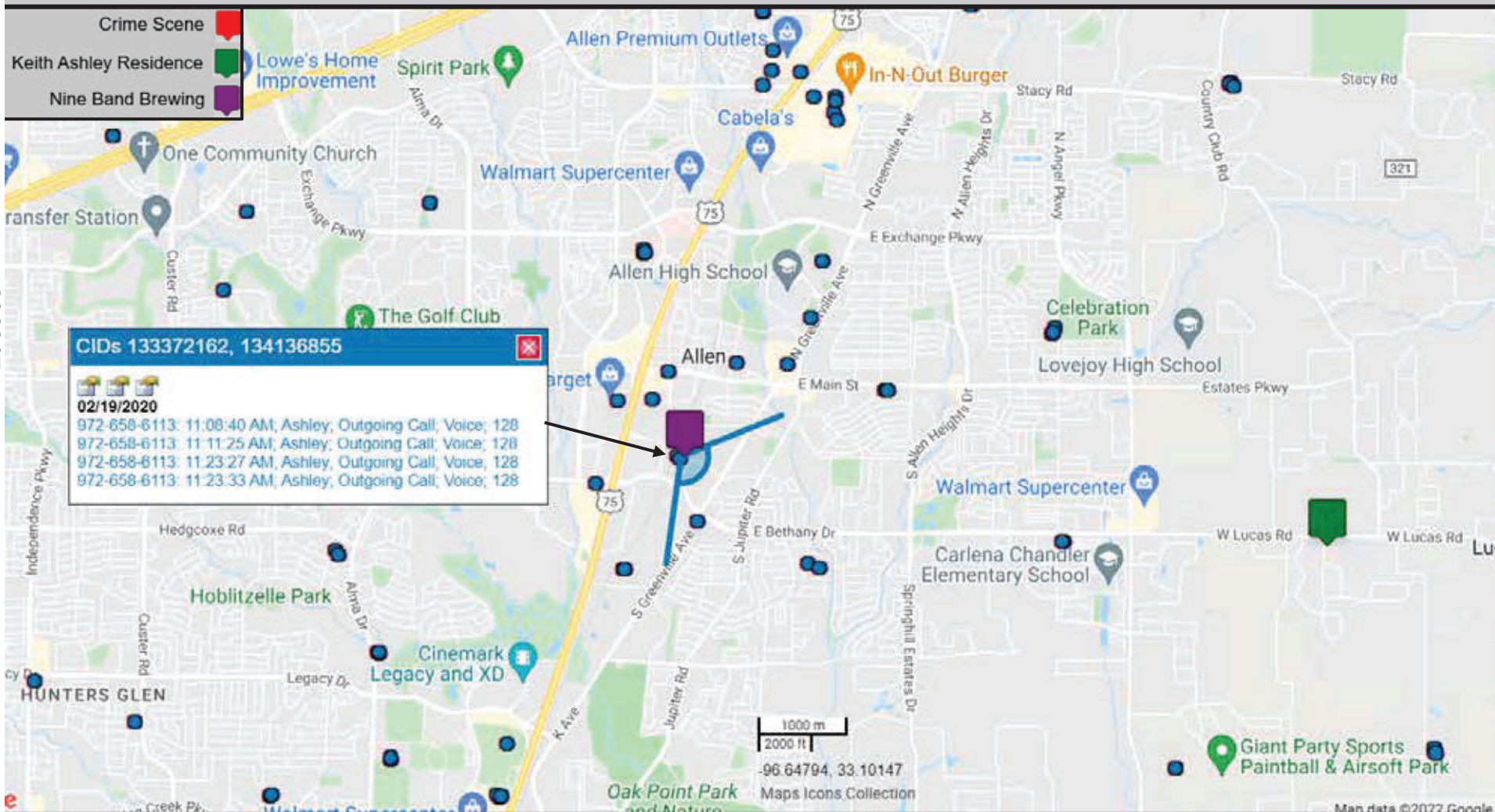
096016

Historical Cell Site Analysis

Cell Site Activations for **972-658-6113**

11:08 AM **972-658-6113** calls **214-535-5719** (30 sec VM)

February 19, 2020 11:08 AM to 11:23 AM

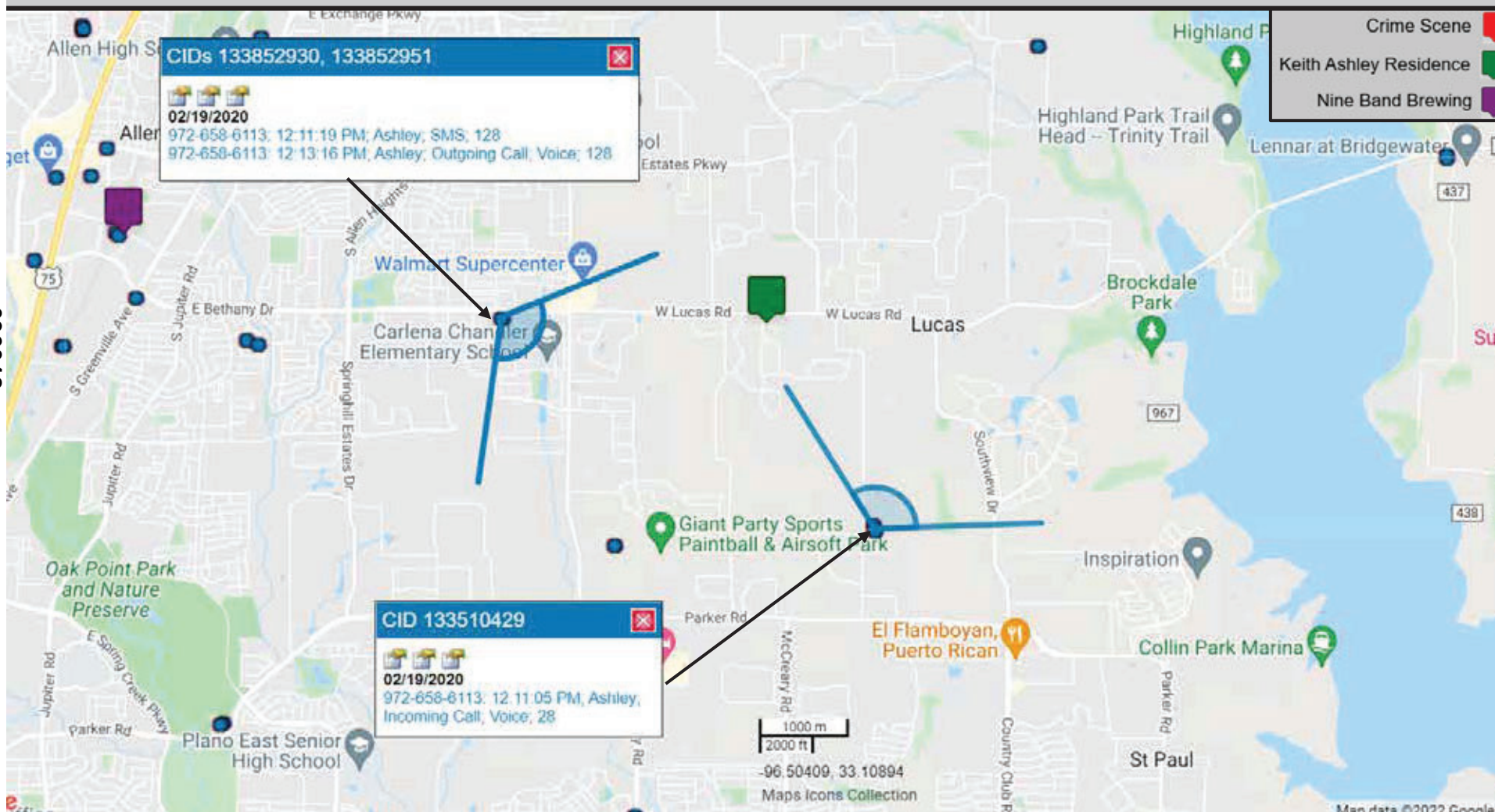


Historical Cell Site Analysis

Cell Site Activations for **972-658-6113**



February 19, 2020 12:11 PM to 12:13 PM



096018

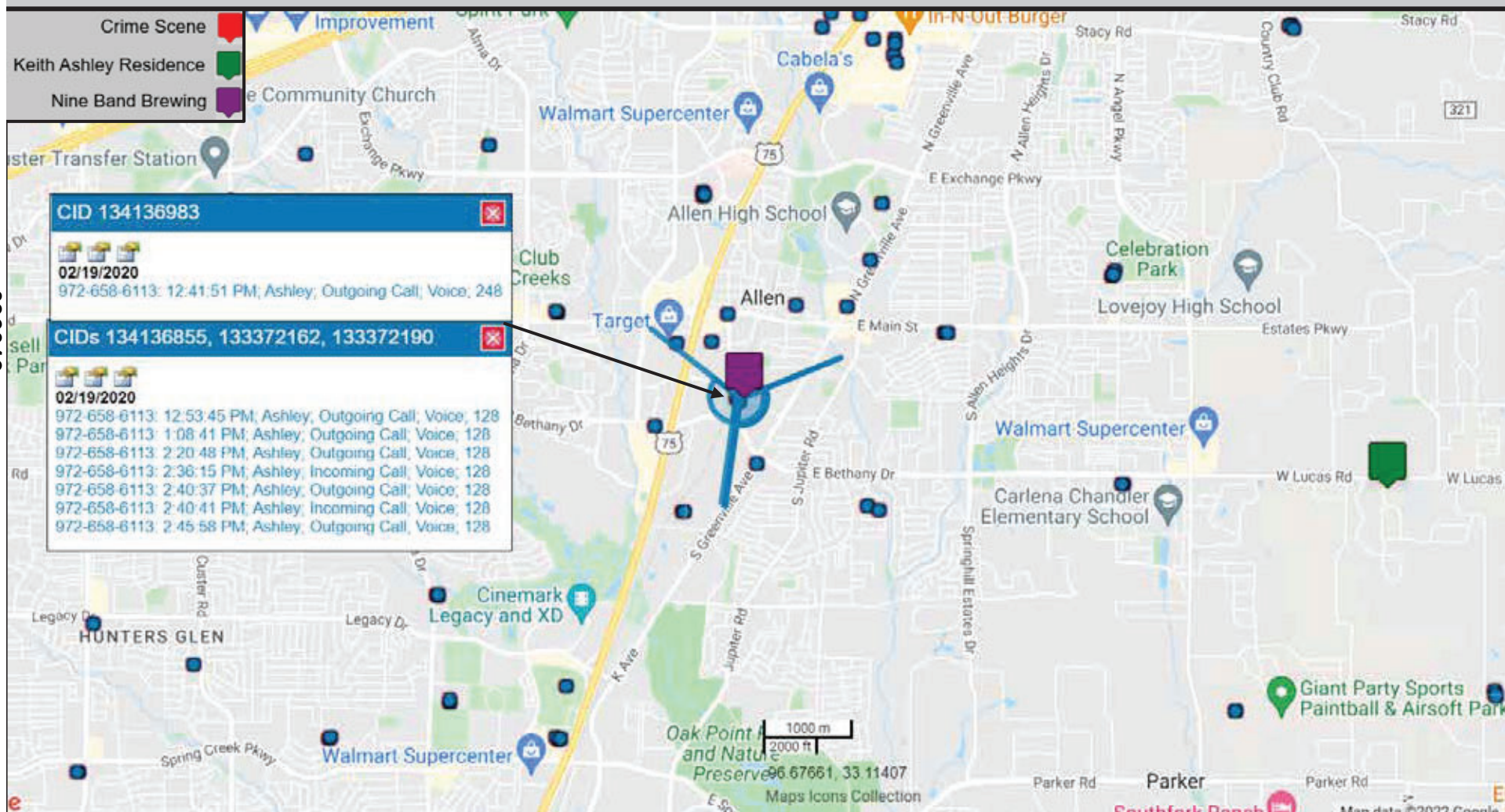
Historical Cell Site Analysis

Cell Site Activations for **972-658-6113**



February 19, 2020 12:41 PM to 2:45 PM

096019



Historical Cell Site Analysis

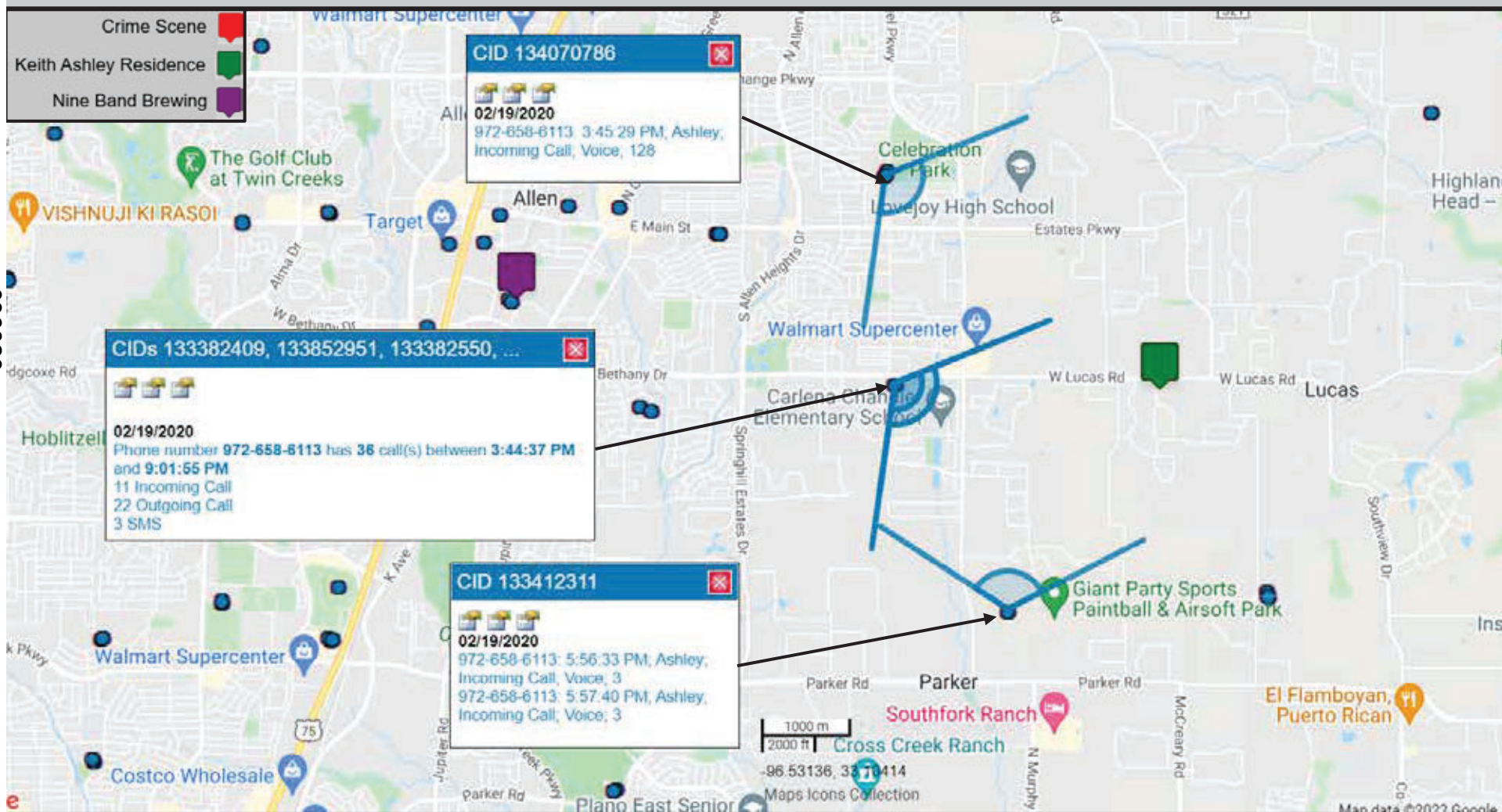
Cell Site Activations for **972-658-6113**

5:01 PM **972-658-6113** calls **214-535-5719** (6 sec VM)

5:02 PM **972-658-6113** calls **214-535-5719** (29 sec VM)



February 19, 2020 3:44 PM to 9:01 PM



096021



END